

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111519\
 Data File : VN059268.D
 Acq On : 15 Nov 2019 16:04
 Operator : JC/SP
 Sample : K5863-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 16 02:03:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

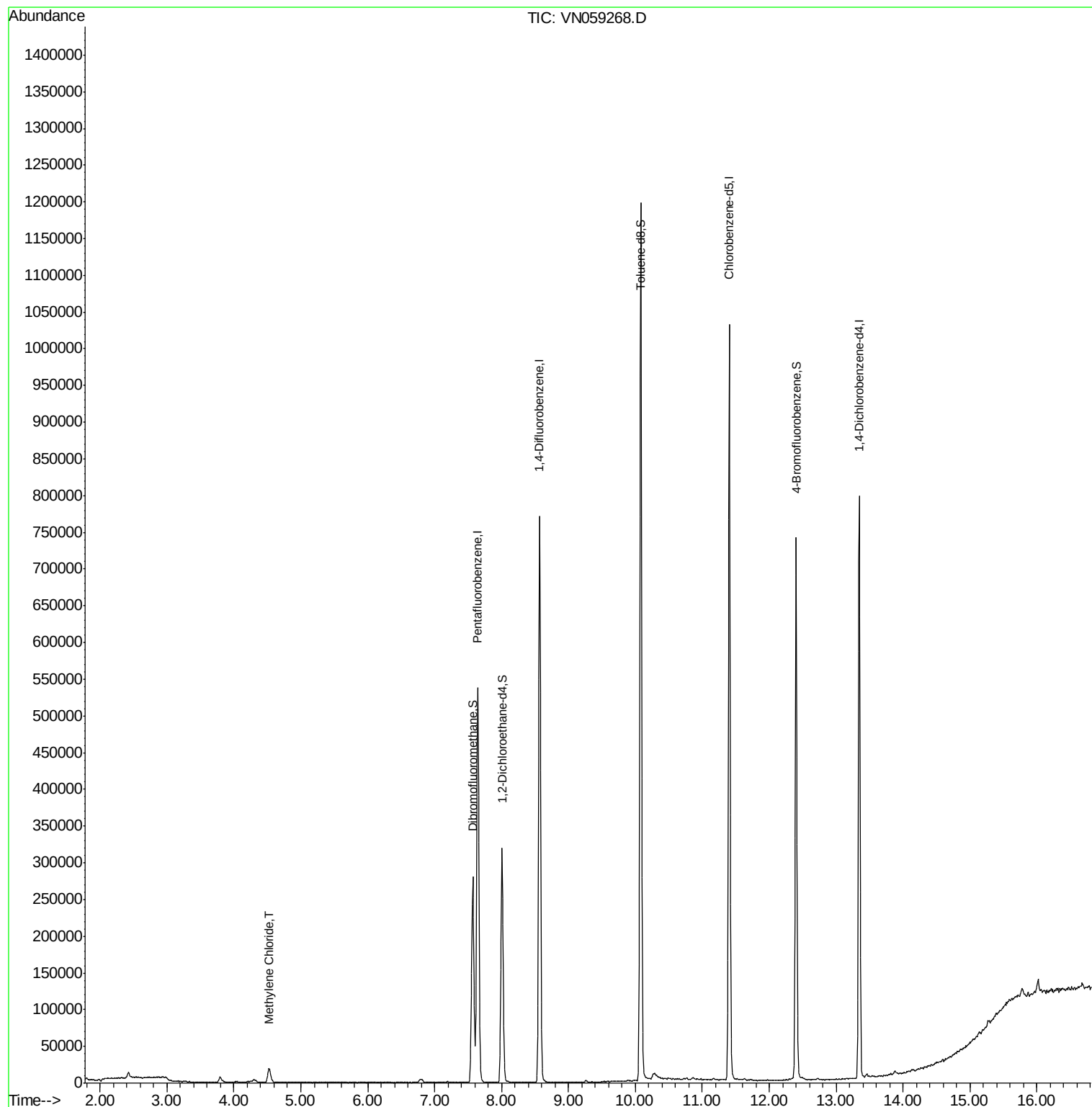
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	447664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	690547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	606554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	270773	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	7.57	113	217005	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.08	98	843378	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	269892	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
Target Compounds						
20) Methylene Chloride	4.52	84	15007	3.010	ug/l	Qvalue 97

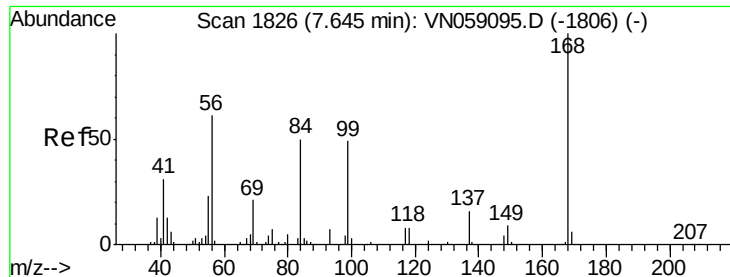
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111519\
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059268.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

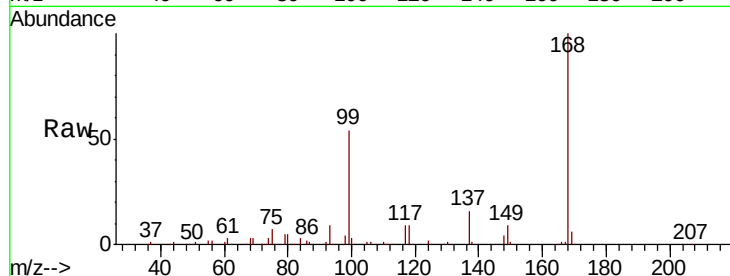
TP-1

Tot Ion:168 Resp: 447664

Ion Ratio Lower Upper

168 100

99 54.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

150000

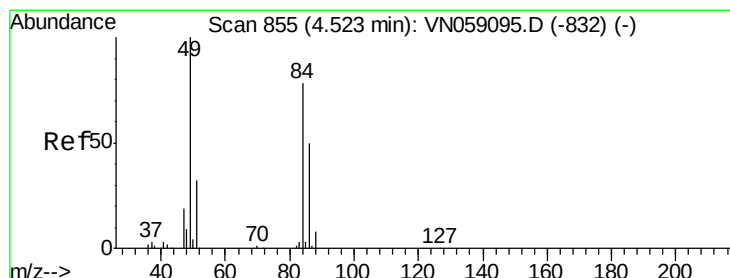
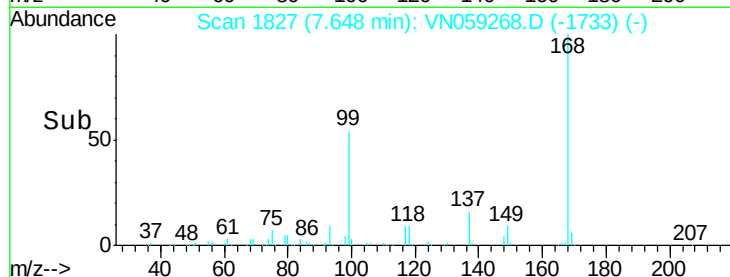
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 3.010 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN059268.D

Acq: 15 Nov 2019 16:04

Tgt Ion: 84 Resp: 15007

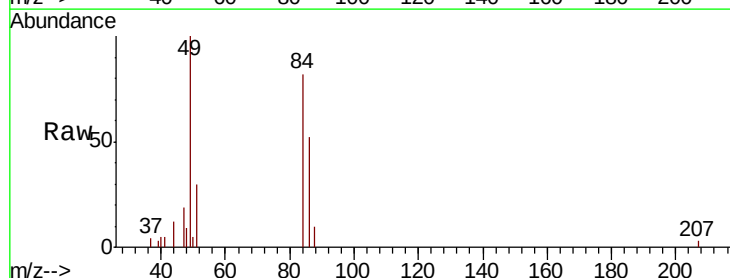
Ion Ratio Lower Upper

84 100

49 122.5 102.0 153.0

51 36.8 32.2 48.2

86 63.3 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

8000

6000

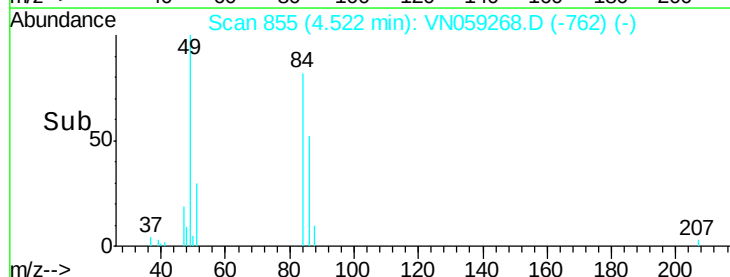
4000

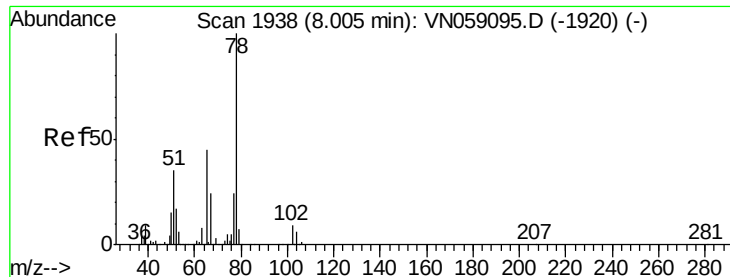
2000

0

4.45 4.50 4.55 4.60 4.65

Time-->

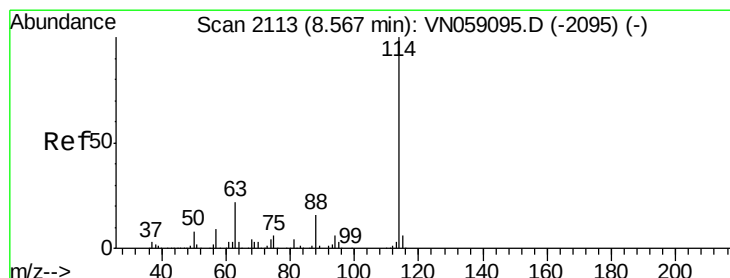
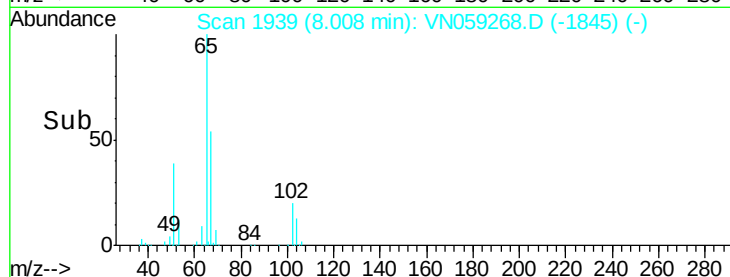
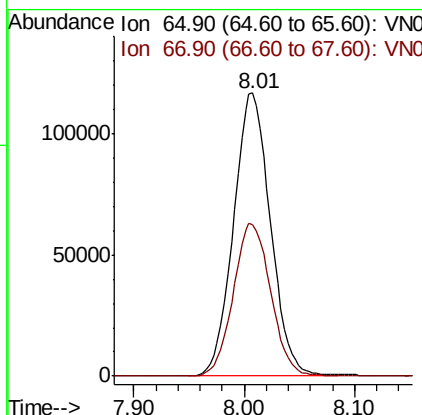
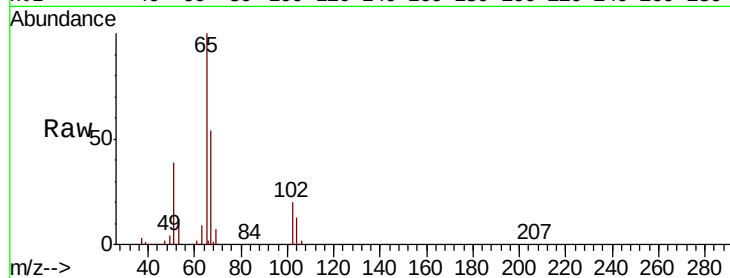




#33
 1,2-Dichloroethane-d4
 Concen: 49.205 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059268.D
 Acq: 15 Nov 2019 16:04

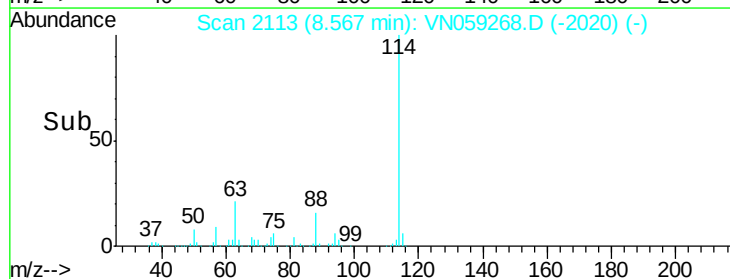
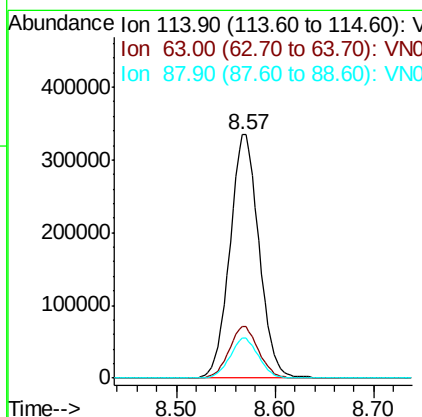
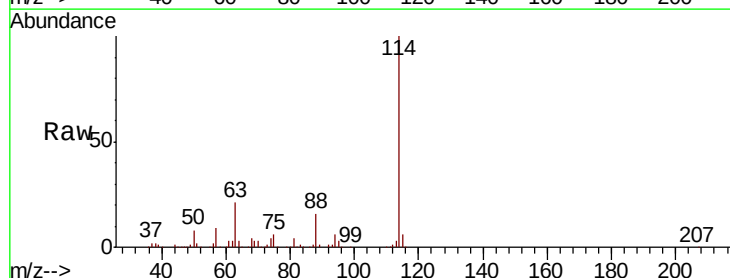
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1

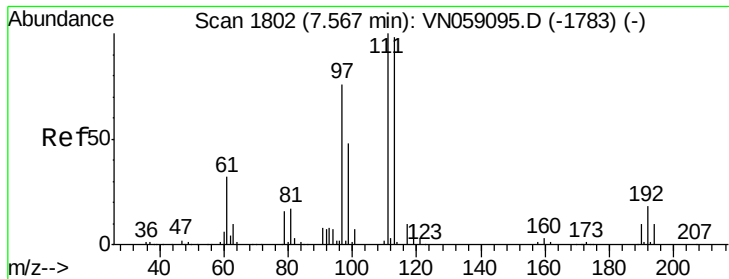
Tot Ion: 65 Resp: 270773
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059268.D
 Acq: 15 Nov 2019 16:04

Tgt Ion: 114 Resp: 690547
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 16.3 0.0 32.2

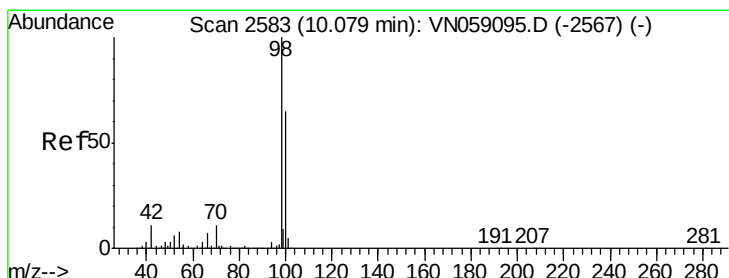
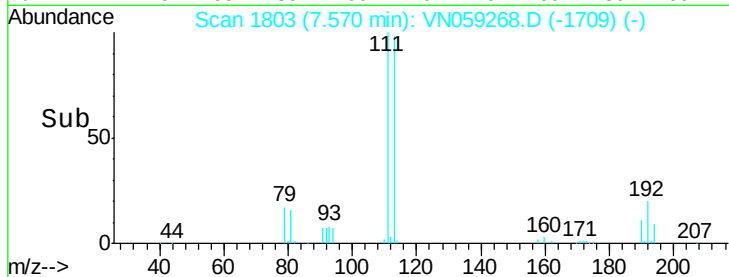
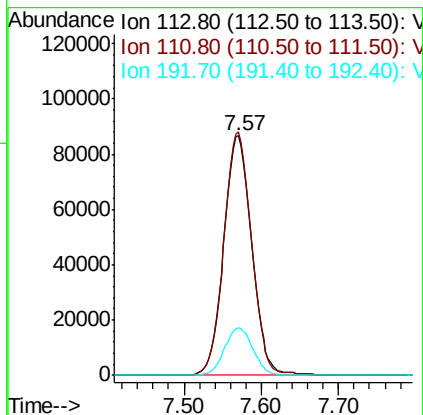
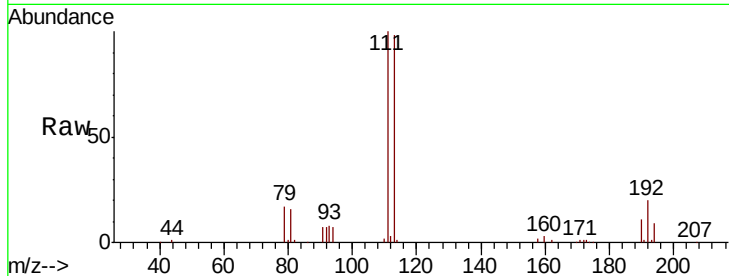




#35
 Dibromofluoromethane
 Concen: 52.630 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059268.D
 Acq: 15 Nov 2019 16:04

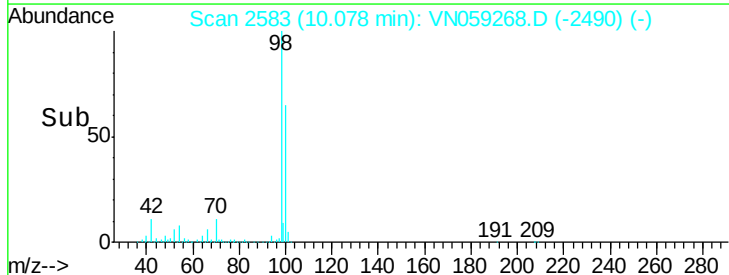
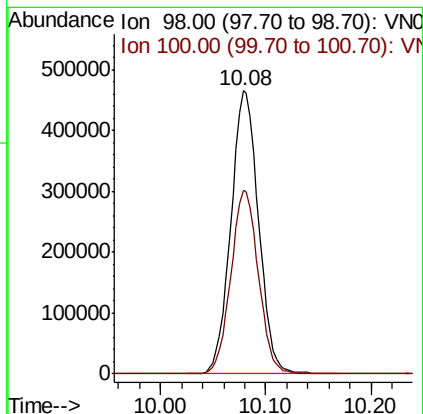
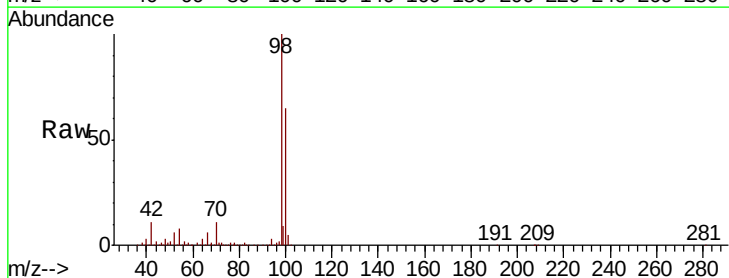
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

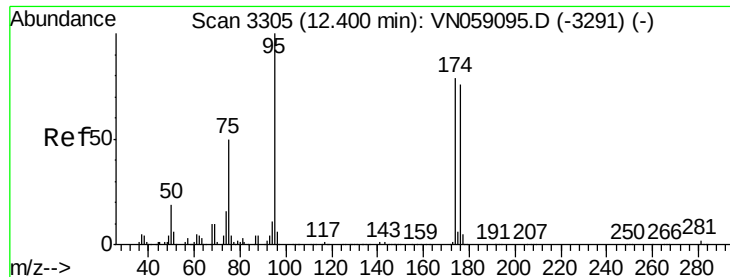
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.8	124.2
192	20.1	16.1	24.1



#50
 Toluene-d8
 Concen: 51.929 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059268.D
 Acq: 15 Nov 2019 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 46.089 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059268.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_N

ClientSampled :

TP-1

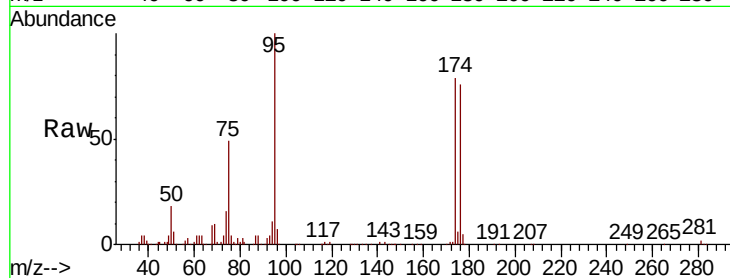
Tot Ion: 95 Resp: 269892

Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.2

176 76.2 0.0 151.8



Abundance Ion 94.90 (94.60 to 95.60): VN059268.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059268.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059268.D (-3291) (-)

12.40

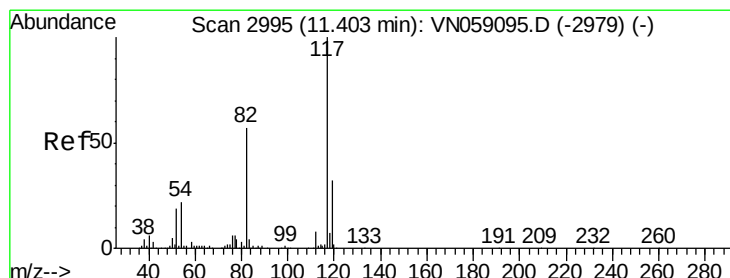
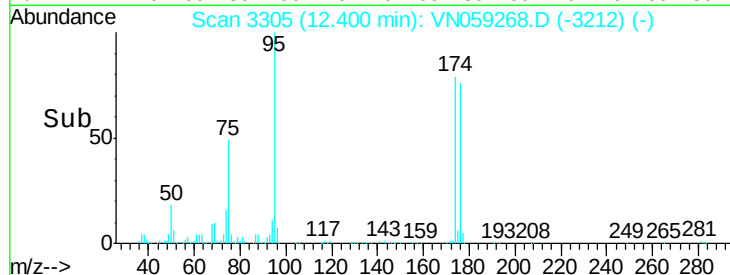
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059268.D

Acq: 15 Nov 2019 16:04

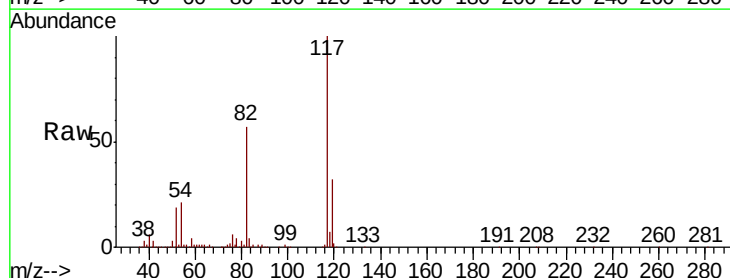
Tgt Ion: 117 Resp: 606554

Ion Ratio Lower Upper

117 100

82 56.6 45.8 68.8

119 32.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN059268.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059268.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059268.D (-2902) (-)

11.40

400000

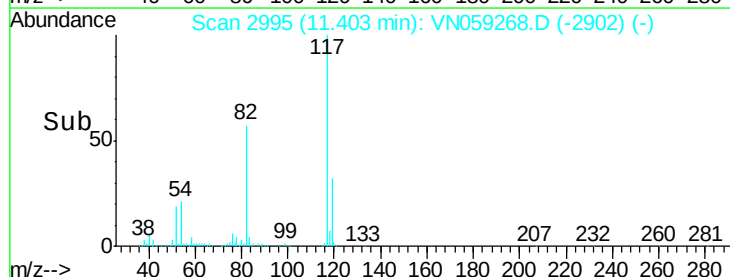
300000

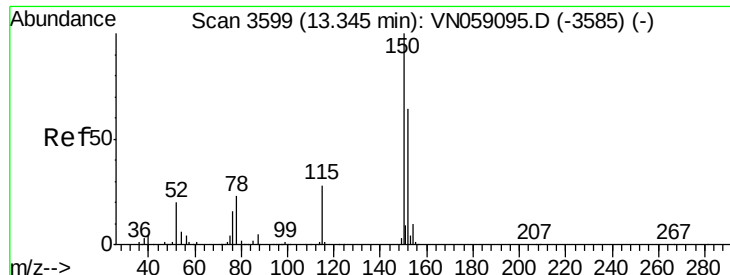
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059268.D

Acq: 15 Nov 2019 16:04

Instrument :

MSVOA_N

ClientSampleId :

TP-1

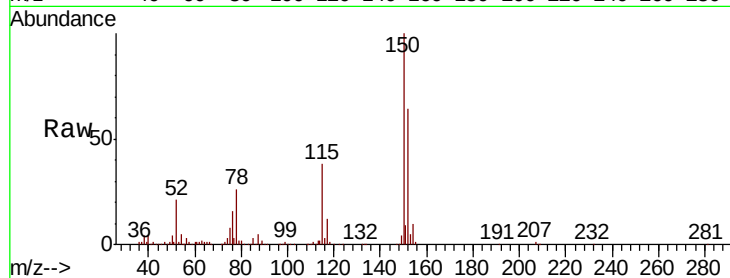
Tot Ion:152 Resp: 220240

Ion Ratio Lower Upper

152 100

115 58.3 29.4 88.2

150 156.0 0.0 345.8



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

